

In re Patent Application of:

FRISCO

Serial No. 09/545,267

Filed: APRIL 7, 2000

In the Claims:

Claims 1-31 (cancelled)

32. (Original) An aircraft in-flight entertainment system comprising:

a satellite television (TV) receiver for generating a plurality of programming channels;

a moving map image generator for generating a flight information channel including a moving representation of the aircraft position on a map image;

at least one passenger video display connected to said satellite TV receiver and said moving map image generator; and

at least one passenger control unit associated with a respective passenger video display for permitting passenger selection of one of the programming channels and flight information channel for display on the respective passenger video display.

33. (Original) An aircraft in-flight entertainment system according to Claim 32 wherein said satellite TV receiver comprises a direct broadcast satellite (DBS) receiver.

34. (Original) An aircraft in-flight entertainment system according to Claim 32 wherein said moving map image generator comprises a processor for determining an aircraft position during flight.

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35. (Original) An aircraft in-flight entertainment system according to Claim 34 further comprising a global positioning system (GPS) receiver connected to said processor for determining the aircraft position.

36. (Original) An aircraft in-flight entertainment system according to Claim 35 further comprising a steerable antenna connected to said satellite TV receiver; and wherein steering of said steerable antenna is based upon signals from said GPS receiver.

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cont*

37. (Original) An aircraft in-flight entertainment system according to Claim 34 wherein said processor further determines at least one of an aircraft direction, aircraft speed and aircraft altitude for display with the moving map image.

38. (Original) An aircraft in-flight entertainment system according to Claim 32 wherein said at least one passenger video display comprises a plurality of passenger seatback video displays.

39. (Original) An aircraft in-flight entertainment system according to Claim 32 wherein said at least one passenger video display comprises a plurality of passenger video displays, and further comprising:

a plurality of signal distribution devices; and
style="padding-left: 40px;">a cable network connecting said satellite TV receiver and said moving map image generator to said signal distribution devices, and connecting said signal distribution devices to said passenger video displays.

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40. (Original) An aircraft in-flight entertainment system according to Claim 32 wherein the aircraft is a narrow-body aircraft having a single longitudinal passenger aisle.

41. (Original) A method for operating an aircraft in-flight entertainment system comprising a satellite television (TV) receiver for generating a plurality of video programming channels, at least one passenger video display connected to the satellite TV receiver, and at least one passenger control unit associated with a respective passenger video display for permitting passenger selection of programming channels for display on the respective passenger video display, the method comprising:

generating a flight information channel including a moving representation of the aircraft position on a map image; and

permitting passenger selection of the flight information channel on the passenger video display also using the at least one passenger control unit.

42. (Original) A method according to Claim 41 wherein the satellite TV receiver comprises a direct broadcast satellite (DBS) receiver.

43. (Original) A method according to Claim 41 wherein generating the flight information channel comprises determining an aircraft position during flight.

44. (Original) A method according to Claim 41 wherein generating the flight information channel comprises

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determining at least one of an aircraft direction, aircraft speed and aircraft altitude for display with the moving map image.

45. (Original) A method according to Claim 41 wherein the aircraft in-flight entertainment system further comprises a global positioning system (GPS) receiver; and wherein generating the flight information channel comprises determining aircraft position based on signals from the GPS receiver.

46. (Original) A method according to Claim 41 wherein the at least one passenger video display comprises a plurality of passenger seatback video displays.

47. (Original) A method according to Claim 41 wherein the aircraft is a narrow-body aircraft having a single passenger aisle.